

Making Progress

Office of Environmental Management
Progress and Accountability in Implementing the
American Recovery and Reinvestment Act

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Office of Environmental Management
U.S. Department of Energy*

September 15, 2009



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Secretary Chu's Key ARRA Objectives



“We will turn this time of economic crisis into an opportunity to build a clean, secure, and prosperous energy future for America....”
—Dr. Stephen Chu, Secretary of Energy

- Start projects quickly
- Ensure projects have lasting value
- Provide public with unprecedented transparency
- Make a significant down payment on the Nation's energy and environmental future



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EM Received \$6 billion in ARRA Funding



- Directed towards existing scope that can most readily be accelerated
 - Soil and groundwater remediation
 - Radioactive solid waste disposition
 - Facility decontamination & decommissioning
- “Shovel-ready” projects
 - Fully-defined cost, scope, and schedule
 - Established regulatory framework
 - Proven technology
 - Proven performance
 - Existing contract vehicles
- Focus on EM completion and footprint reduction
- Recovery Act funding will accelerate approximately 55 compliance milestones



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30 months from ARRA Project Ramp-up to Closeout



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ARRA Funding Obligations at EM Sites



| Site | Spend Plan | Obligated to Contracts | Spent to Date |
|--|------------------------|------------------------|----------------------|
| Argonne National Laboratory | \$98,500,000 | \$79,000,000 | \$1,177,513 |
| Brookhaven National Laboratory | \$42,355,000 | \$34,000,000 | \$7,658,089 |
| ETEC | \$54,175,000 | \$54,175,000 | \$0 |
| Hanford (Office of River Protection) | \$326,035,000 | \$323,035,000 | \$16,070,478 |
| Hanford (Richland) | \$1,634,500,000 | \$1,620,618,031 | \$88,641,078 |
| Idaho | \$467,875,000 | \$467,175,000 | \$55,042,454 |
| Los Alamos National Laboratory | \$211,775,000 | \$116,000,000 | \$1,325,504 |
| Moab | \$108,350,000 | \$108,350,000 | \$2,235,734 |
| Mound | \$19,700,000 | \$19,700,000 | \$0 |
| Nevada Test Site | \$44,325,000 | \$27,038,000 | \$6,209,108 |
| Oak Ridge | \$755,110,000 | \$632,844,198 | \$26,567,625 |
| Paducah | \$78,800,000 | \$78,800,000 | \$816,059 |
| Portsmouth | \$118,200,000 | \$108,200,000 | \$1,305,235 |
| Savannah River | \$1,615,400,000 | \$1,278,392,983 | \$158,457,244 |
| SLAC | \$7,925,000 | \$7,925,000 | \$496,410 |
| SPRU | \$51,775,000 | \$31,775,000 | \$139,878 |
| WIPP | \$172,375,000 | \$172,175,000 | \$12,886,401 |
| West Valley | \$73,875,000 | \$73,875,000 | \$4,037,544 |
| Title X Uranium/Thorium Reimbursements | \$68,950,000 | \$31,870,555 | \$31,870,555 |
| OMB Q4 Unallocated | \$20,000,000 | \$0 | \$0 |
| Management & Oversight | \$30,000,000 | \$5,416,494 | \$692,541 |
| Total | \$6,000,000,000 | \$5,270,365,261 | \$415,629,449 |



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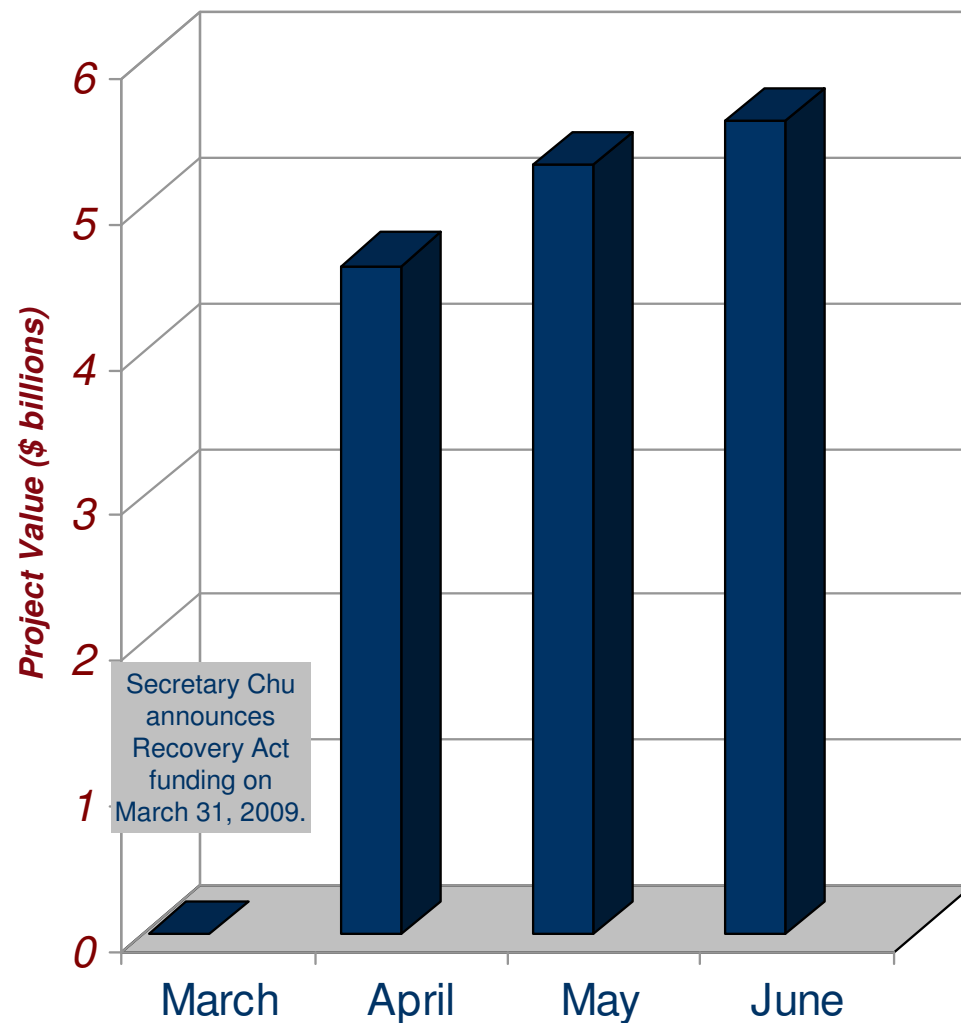
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Financial data are based on reporting as of September 8, 2009, and are subject to change.

EM Moved Quickly to Allocate ARRA Funds



- EM allocated more than 99% of ARRA funding to the sites performing the work within the first 6 months.
- Modifications issued to 29 of 35 existing contracts covering ARRA work.
- 3 additional new contracts pending.



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Making Progress in Empowering Small Business



EM Recovery Act Program has achieved 122% of its small business goals for FY 2009!

- EM prime contracting small business goal for FY 2009 is 4.8%
- Each EM site is expected to meet or exceed EM's corporate small business goal and maximize small business prime and subcontracting opportunities
- EM Recovery Act program targeted more than 4.8%, or \$288 million of the \$6 billion in ARRA funds, for small business primes
- Exceeded small business target goal—\$352 million obligated as of Sept 10, 2009 for all small business categories



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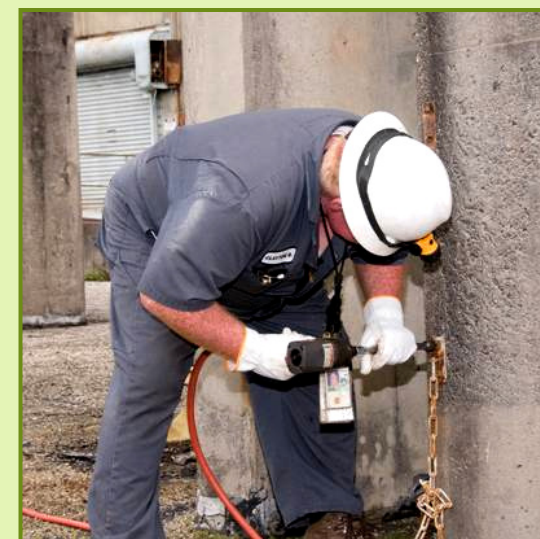
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Over 9,000 Jobs Saved or Created



EM Job Applicants, Jobs Saved & Created, and Job Fairs (September 8, 2009)

| | Applicants | Saved | Created | Headcount | Job Fairs |
|-----------------------|---------------|--------------|--------------|--------------|-----------|
| Argonne (IL) | 1,705 | 13 | 42 | 55 | 8 |
| Brookhaven (NY) | 39 | 32 | 71 | 103 | 0 |
| ETEC (CA) | 166 | 29 | 0 | 29 | 0 |
| Hanford-ORP (WA) | 11,636 | 0 | 436 | 436 | 11 |
| Hanford-Richland (WA) | 14,347 | 285 | 2,675 | 2,960 | 9 |
| Idaho (ID) | 5,633 | 1,158 | 309 | 1,467 | 9 |
| Los Alamos (NM) | 706 | 82 | 16 | 98 | 1 |
| Moab (UT) | 2,166 | 22 | 114 | 136 | 0 |
| Mound (OH) | 0 | 28 | 0 | 28 | 0 |
| Nevada (NV) | 27 | 295 | 27 | 322 | 0 |
| Oak Ridge (TN) | 7,356 | 157 | 781 | 938 | 5 |
| Paducah (KY) | 4,761 | 0 | 28 | 28 | 4 |
| Portsmouth (OH) | 3,033 | 36 | 79 | 115 | 3 |
| Savannah River (SC) | 14,076 | 798 | 1,131 | 1,929 | 6 |
| SLAC (CA) | 90 | 96 | 12 | 108 | 1 |
| SPRU (NY) | 40 | 52 | 38 | 90 | 0 |
| West Valley (NY) | 1,128 | 0 | 91 | 91 | 0 |
| WIPP (NM) | 79 | 18 | 130 | 148 | 0 |
| TOTALS | 66,988 | 3,101 | 5,980 | 9,081 | 57 |



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Project Management— Oversight & Accountability



Safety is the #1 priority for all EM Recovery Act projects.

- Fully implement DOE Order 413.3A
- Phased release of funding based on performance
 - Integrates project, contract and funds management
- Ensure projects stay on schedule and within cost
- Conduct regular reviews to track and monitor performance
- On-site Headquarters representatives will closely observe project performance
- Maintain regular communications with regulators, Tribal Nations and stakeholders
- External oversight reviews by the IG and GAO



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Communicate. Communicate. Communicate.



EM Headquarters and Field sites are striving to provide “unprecedented transparency” as to where the ARRA money is going and what is being accomplished.

- EM Recovery Act newsletter
- Weekly News Flash
- EM and DOE Recovery Act websites
- Stakeholder conference calls
- Public meetings
- OMB/Congress
- GAO/IG



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Summary



EM Recovery Act Program is making progress in achieving the President's goals of job creation and environmental cleanup through the *American Recovery and Reinvestment Act*.

- Over 9,000 jobs created and preserved in 12 States
- More than 99% of Recovery Act funds have been allocated to sites
- Modifications issued to 29 of 35 existing contracts
 - Balance of EM ARRA funding is planned for three new awards (~\$150M)
- Nearly \$5.2 billion obligated to contracts for EM Recovery projects
- Over \$415 million spent on Recovery work
- Achieved 122% of EM small business contracting goal
- Monthly monitoring of project execution and performance
- Active engagement with stakeholders and regulators



Learn More About the EM Recovery Act Program



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RECOVERY AND REINVESTMENT

You are here: DOE Home > Recovery and Reinvestment > Ask an Expert: DOE Recovery Act Clearinghouse

 **RECOVERY.GOV** [Printer-Friendly](#)

Ask an Expert: DOE Recovery Act Clearinghouse

The purpose of the DOE Recovery Act Clearinghouse is to help increase the availability of information about DOE's American Recovery and Reinvestment Act of 2009 (ARRA) activities. The Clearinghouse will provide initial consultations, and also make referrals when appropriate to other information sources (websites, documents, DOE staff, etc).

You can [contact us](#) with your questions using our submittal form, by calling our toll-free number: 1-888-DOE-RCVY (1-888-363-7289), or browse our list of frequently asked questions. Media inquiries should be directed to the [DOE Press Office](#).

FREQUENTLY ASKED QUESTIONS

Funding Opportunities

- [How do I find out about the funds available from DOE?](#)
- [When will funds become available?](#)
- [What types of funding are available from DOE?](#)
- [How do I apply for a grant from DOE?](#)
- [How do I apply for a contract from DOE?](#)
- [How do I apply for a loan guarantee from DOE?](#)

EM Recovery Act Program Office

<http://www.em.doe.gov/emrecovery>

Email: EMRecovery@em.doe.gov

Phone: 202-586-2083

DOE Recovery Act Clearinghouse

<http://RecoveryClearinghouse.energy.gov>

Email: RecoveryClearinghouse@hq.doe.gov

Phone: 1-888-DOE-RCVY



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Backup



- Recovery Act at Work



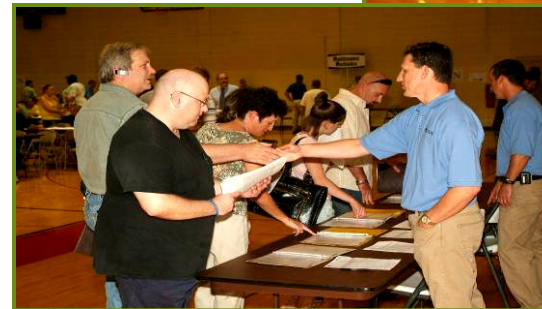
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Making Progress in Job Creation— Portsmouth/Paducah



- Four events held in August for Portsmouth and Paducah sites
- Sites selected for accessibility to those in areas of high unemployment
- Marketed through electronic billboard, flyers, local websites, newspapers, radio, and television



Nearly 1,200 people attended and 3,000 job applications were received during the four job fairs.



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Making Progress in Job Creation— West Valley Demonstration Project



New York

(West Valley Demonstration Project)

- Classroom training for the 49 new WVES employees hired under ARRA complete
- New hires brought diverse mix of skills and qualifications;
- WVES developed systematic approach to assessing individual qualifications and tailoring training requirements to the individuals
- Site familiarization tours and on-the-job training a big success



(Above) New West Valley employees participate in asbestos removal training in preparation for ACM removal in the Main Plant.



(Below) Site familiarization briefing and tour for new employees.



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Making Progress in Getting Work Done



Nevada (Nevada Test Site)

- Initiated demolition of the movable shed and nuclear furnace piping at the Test Cell C Facility
- Completed drilling of the first groundwater well in Pahute Mesa
- Initiated characterization activities for two contaminated soil Corrective Action Units
- Initiated remediation activities at buried ordnance CAU 408

Ohio (Mound)

- Field work on Operable Unit-1 to begin on or before October 1, 2009
- OU-1 Work Plan provided to the regulators



Demolition of the movable shed and nuclear furnace piping at NTS Test Cell C Facility.



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Making Progress in Getting Work Done



Washington State (Richland)

 ***Cleaning Out Glove Boxes at the Plutonium Finishing Plant (PFP)***



Workers are removing equipment from and decontaminating glove boxes and laboratory hoods at the largest PFP facility, the 234-5Z building, containing three plutonium laboratories and two plutonium production lines. As of mid-August, workers had removed 10 glove boxes and laboratory hoods from PFP for disposal.

August 2009



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Making Progress in Getting Work Done



Washington State

(Hanford-Office of River Protection)

- Meeting schedule milestones for Tank/Farm upgrades for Waste Treatment and Immobilization Plant feed readiness including:
 - Electrical modifications in SY farm.
 - Removal of the 242-T HEPA exhaust filters
 - Removal of the P-28 exhauster in SY Farm.
 - Continue fabrication of split plugs for SP & SY farms.

California (Separations Process Research Unit)

- Completed design and began construction of the evaporation pond
- Road installation completed in August 2009
- 6 intermodal containers of waste shipped in August
- Mobilization has begun for the North Field



Workers remove HEPA exhaust filters at Hanford.



Road installation completed at SPRU.



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Making a Difference in Getting Work Done



New Mexico

Waste Isolation Pilot Plant

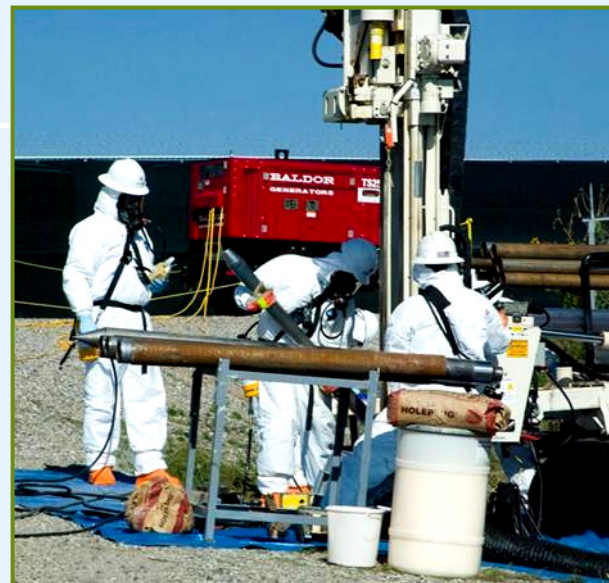
- Completed accepted knowledge review at Hanford to start visual examination activities
- Deployed non-destructive assay personnel at Hanford to prepare for certification
- Initiated remote-handled waste certification for disposal at ANL
- Started second shift at SRS for container characterization
- Performed design and survey work for the South Access Road reconstruction

Los Alamos National Laboratory

- Initiated Material Disposal Area-B geo-probe data collection activities
- Resumed Equipment Removal and waste packaging activities at the Tritium Systems Test and Assembly facility
- Initiated Electrical Isolation Work in TSTA and Building 370



Survey work for the South Access Road reconstruction at WIPP



Core sampling in preparation for Soil and waste removal at MDA B



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Making Progress in Getting Work Done



Tennessee

Oak Ridge National Laboratory

- Building 3026 Wooden Superstructure:
 - Continued preparation of waste profiles
 - Began exterior siding removal
 - Began clearing pipe and equipment from face of Cell Banks 1 & 2
 - Began construction of windbreaks for vent modifications
 - Stabilized off-gas piping with acrylic
 - Utility isolations being completed by UT-B



**Activities at
ORNL Building
3026**

East Tennessee Technology Park

- Building K-27 Pre-Demolition Activities
 - Began removal of wood/fence walls within the vaults
 - Continued removal of combustibles on the vault and cell floors
 - Conducted pre-bid walkdown for the Asbestos Abatement subcontract



**Placing the first
intermodal for
the K-27 Project**



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